

CLAIMS

WHAT IS CLAIMED IS:

1. A modular shelter unit comprising an elongate horizontally oriented generally
2 box structure, having interior sidewalls defining a generally cylindrically
shaped first interior volume sized for temporary human occupation in a reposed
4 position, and exterior sidewalls extending to an opposing end defining a second
interior volume for storage of human belongings, said box structure specially
6 configured for securing together a plurality of similar modular structures.
2. The modular shelter unit of claim 1 wherein said similar modular structures
2 comprise additional modular shelter units.
3. The modular shelter unit of claim 2 wherein said modular shelter units are
2 stackable one atop another.
4. The modular shelter unit of claim 3 further comprising a plurality of legs
2 protruding from a bottom of said box structure, and a plurality of corresponding
cavities in a top of said generally box structure, located and sized to accept said
4 plurality of legs when modular shelter units are stacked one atop another.

5. The modular shelter unit of claim 1 wherein said similar modular structures
comprise vertically oriented modular utility units selected from the group
consisting of a toilet, a shower and a dressing room.
6. The modular shelter unit of claim 4 further comprising a shower unit secured to
a dressing room unit and a passageway therebetween.
7. The modular shelter unit of claim 5 further comprising a sink attachable to the
exterior of the dressing room unit.
8. The modular unit of claim 1 wherein said box-like structure is fabricated of
molded plastic.
9. The modular shelter unit of claim 1 wherein said box structure is watertight.
10. The modular shelter unit of claim 1 wherein said generally cylindrically shaped
first interior volume has a substantially flat bottom surface.
11. The modular shelter unit of claim 1 further comprising a first door closing off
said first interior volume and a second door closing off said second interior
volume.

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12. The modular shelter unit of claim 12 further comprising locking means for securing said first and second doors operable from outside and inside said box structure.
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13. The modular shelter unit of claim 1 further comprising ventilating means for allowing outside air through said first door and interior sidewalls.
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14. The modular shelter unit of claim 1 further comprising fire-resistant and sound dampening foam between said interior and exterior sidewalls.
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15. The modular shelter unit of claim 1 further comprising raised bosses at corners and edges of said box structure.
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16. The modular shelter comprising an horizontally oriented generally rectangular box plastic watertight structure, having generally curved interior sidewalls and a substantially flat bottom surface and a bulkhead defining a first interior volume sized for a reposed human, and exterior sidewalls extending to an opposing end in combination with said bulkhead defining a second interior volume, said exterior walls specially configured for securing together a plurality of said modular shelter units, further having a first door closing off said first interior volume and a second door closing off said second interior volume, and
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electronic locking means for securing said first and second doors operable from
outside and inside said box structure.

18. A method of providing emergency shelter comprising:

providing a plurality of modular shelter unit each comprising a
plastic watertight generally rectangular box structure having generally
curved interior sidewalls defining a first interior volume sized for a
reposed human, and exterior sidewalls extending to an opposing end
defining a second interior volume, each further having a first door
closing off said first interior volume and a second door closing off said
second interior volume, and electronic locking means for securing said
first and second doors operable from outside and inside said box
structure;

tying together the plurality of modular shelter units by engaging
specially configured exterior sidewall structures;

taking reservations electronically to use said modular
shelters; and,

providing information electronically to operate said locking
means.

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